

the Society of Antiquaries, and many other learned societies, he never used the titles.

He was also a county magistrate of Cheshire, a position he accepted only at the personal urgent request of Lord Egerton, the lord-lieutenant.

He founded, at a cost of some 20,000*l.*, including the endowment and rectory, the beautiful church of St. Anne, Haughton.

He always took special interest in the poor boys and youths among his neighbours and workpeople, and gave up much of his leisure to their personal instruction by lectures and otherwise, and many have him to thank for such timely aid for their now comparatively easy and respectable positions in life.

He took great interest in the "*Strines Journal*," a manuscript work of science and art, conducted by his *employés*, and he frequently contributed articles and drawings to its pages; it now forms a ten years' history of Strines and the neighbourhood and their natural history, which could not easily be surpassed.

He was also a great lover of sacred music, a devoted admirer of Handel and Mozart, and was no mean performer on the organ, as his father was before him. For many years after the opening of Bredbury Church he was the honorary organist there, and did duty every Sunday at that church, the land for which and the large graveyard surrounding it was given by his cousin, John Sidebotham, who also contributed largely to its cost. Joseph Sidebotham made and erected with his own hands the sundial over the south door of that church.

He married, in 1852, Anne, the only daughter of Mr. Coward, of Manchester, formerly of the firm of Melland & Coward; she died nearly three years ago. He leaves three sons and three daughters to mourn his loss. His remains were deposited by the side of his wife in the parish churchyard of Bowdon.

He was elected a Fellow of this Society on November 11, 1870.

THOMAS A. SOUTHWOOD, M.A., who died at Cheltenham on September 19 last, was born and educated at Devonport. His first step in life was an appointment in the Ordnance Survey in Ireland. He then proceeded to Cambridge, where he graduated in 1843 at the comparatively mature age of thirty-two; and in the same year, after having received and declined the offer of an important post in the St. Petersburg Observatory, he was elected to the Head Mastership of the Modern Department of Cheltenham College. This, the first departure from the old classical school methods, could not have been placed in better hands. Besides being a sound and practised mathematician, familiar with the methods and instruments of science, Mr. Southwood possessed a singular faculty for imparting knowledge; and the new military school, under his management, supplied Addiscombe and Woolwich from year to year with their most promising cadets.

After a brilliant and uniformly successful career of

thirty-six years, Mr. Southwood retired in 1879. He leaves behind him at his death a name and an example which will never be forgotten at Cheltenham College, where his surviving friends and pupils propose to erect a new library to his memory.

He was elected a Fellow of this Society on February 13, 1852.

JOHN WATSON was born in the village of Ireshopeburn, near St. John's Chapel, Weardale, on February 10, 1827. He was educated at the village school and at St. John's Chapel. From boyhood he showed a great taste for physical science, and was at all times most industriously given to habits of self-culture.

While still a youth he obtained a humble position in the chemical works of Mr. Hugh Lee Pattinsen at Washington, and gradually rose through several minor posts to that of cashier in the office, and later on he became general manager of the works. In 1864 he left Washington to become the founder and managing partner of the chemical works of Messrs. Watson, Kipling & Co., at Seaham Harbour, on the coast of Durham. Though a most industrious worker at his profession, Mr. Watson found time to devote to astronomy, and he showed great genius in the construction, by his own hand and lathe, of telescopes and various optical instruments.

In March 1856 a paper, "On the Outer Ring of Saturn," written by Mr. Watson, was communicated by the Astronomer Royal to the Royal Astronomical Society, and this was followed in January 1857 by a note, "On the Occultation of Jupiter on January 2, 1857." In 1864 he communicated a note, "On a new Binocular Telescope," and since then he has contributed to the *Notices* from time to time, the last communication being "On the Satellites of Mars," in January 1882.

Mr. Watson was well known in the county of Durham as a popular lecturer on astronomy, one of his best known lectures being on the harmony of the Mosaic record of creation with the modern scientific revelations of astronomy and geology. Though not an orator, he had a happy way of imparting knowledge of dry scientific matter in everyday language.

He was familiar with the discoveries of modern science, being well read in the subjects of chemistry and geology, as well as astronomy, and he made meteorological observations for many years at Washington, which formed the subject of some papers on rainfall, &c., in the "Tyneside Naturalists' Transactions." His observatory at Vane House, Seaham Harbour, contains an 8-inch achromatic, with object glass, by Wray. He also worked with a 12-inch, by Messrs. Cooke, of York, and with reflecting telescopes of his own construction, the specula being ground and polished by himself.

Mr. Watson had been in his usual health up to October 30, on the evening of which he was seized with sickness, and, though the best medical aid was procured, the disease, intus-